

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 6, lines 5-11 of the specification with the following amended paragraph:

FIG. 2 shows the functional units of an inventive receiver device for optical data signals. After an opto-electronic conversion at the opto-electrical conversion unit 20, an electrical data signal 21 is fed into a frequency filter 22, filtering out all frequency parts of the electric data signal higher than $1/2$ th of the bit rate B. In case of the 10 Gbit/s signal of FIG. 1, all frequency parts higher than 5 GHz are filtered out. A filtered electrical data signal 23 is fed into a frequency multiplier unit 24, multiplying the filtered electrical data signal 23 by a factor of 4.